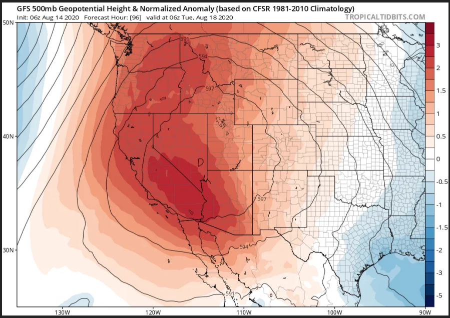
19 new comments above.

Dangerously intense, prolonged, and humid heatwave for most of California

Filed in Weather/Climate Discussion by Daniel Swain on August 14, 2020 • 1096 Comments

Update: Heatwave will be more intense, prolonged, and dangerous than previously anticipated


GFS 500mb Geopotential Height & Normalized Anomaly (based on CFSR 1981-2010 Climatology)
Init: 06z Aug 14 2020 Forecast Hour: [96] valid at 06z Tue, Aug 18 2020
TROPICALTIDBITS.COM
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-5

A very strong ridge will amplify in-situ over and just east of California–bringing an intense and prolonged heat event. (NCEP via tropicaltidbits.com)

I don't usually write two weather posts in one week, but this time I'll make an exception. Earlier this week, I wrote about a "sustained warming trend and long-duration inland heatwave" that would develop this week in California. Well, that's still true…but that language turns out to have been more than a little understated. A very intense and prolonged heatwave now appears likely for a large portion of California over the next 7-10 days, and this event will likely have wide-ranging impacts from human health, wildfire, and electricity demand perspectives. I suspect this event will probably end up being one of the most significant widespread California extreme heat events in the past decade, if not longer.

As noted in the last post, California will be located directly beneath a strengthening ridge axis moving building overhead from the southeast. In the meantime, a humid tropical airmass is being advected over the state from the southwest on the western periphery of this ridge, largely thanks to the remnants of former Hurricane Elida. This same basic pattern will essentially remain locked in place for at least the next 7 days, and very possibly longer. As a result: prolonged heat is expected across nearly the entire state, with the possible exception of the immediate coastline (i.e., < 10 miles from the coastline in some places)–where conditions will still be much warmer than average but will not be unbearable. The likely movement of many folks from regions of extreme inland heat seeking relief along the immediate coastal strip may pose major challenges given the ongoing need for social distancing amid the pandemic.

Across the Sacramento Valley and inland valleys in SoCal, many consecutive 100+ days are expected (likely at least 7-10 days in a row). The magnitude of the heat

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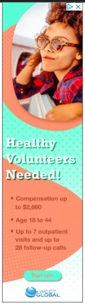


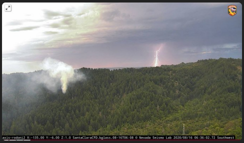
- Compensation up to $2,660
- Age 18 to 44
- Up to 7 outpatient visits and up to 28 follow-up calls

Tweets by @Weather_West

Daniel Swain Retweeted

Andy Moffitt @AndyMoffittKEZI

Check out this @AlertWildfire camera showing lightning, and a (likely lightning sparked) fire west of San Jose, CA this morning. #CAwx @NWSBayArea



9m

will wax and wane slightly over the course of the event, but on the hottest days temperatures will likely reach or exceed 110 even in typically "cooler" parts of the Sacramento Valley and Delta region. Many daily record highs are likely, especially across NorCal.

Even more problematic than the extreme daytime temperatures, though, will likely be the very warm overnight temperatures and elevated atmospheric humidity during this event. The tropical moisture noted above has already blanketed much of the state with mid and upper-level cloudiness, and even brought a few showers and thunderstorms along the Central Coast. This unusually humid airmass (by CA standards) will persist thought the first week of this heatwave–raising apparent temperatures, and even producing heat indices *higher* than the actual temperature. Overnight temperature recoveries will be especially poor–I expect to see lots of overnight lows in the 70s, and locally even 80s in the thermal belts. This is relatively rare in many parts of California, and matches the signature of other historic high-impacts heat events in California (July 2006 comes to mind).

> **Daniel Swain** @Weather_West
>
> Widespread & long-duration California heatwave kicks into high gear today. Many consecutive days of intense heat likely. Record daytime & overnight temperatures possible; poor overnight temperature recoveries likely in unusually humid airmass. Heat may continue for 10+ days.#CAwx
>
> GIF
>
> 7:12 AM · Aug 14, 2020
>
> 353 275 people are Tweeting about this

I expect sustained extreme temperatures of this magnitude to produce widespread human health, wildfire, and electrical power supply impacts. Some of these impacts will undoubtedly be amplified by the ongoing pandemic. This will be an event to take quite seriously.

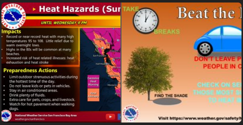
Tropical moisture incursions over the next 10 days will keeping things muggy over California, as well as bring occasional chances of isolated showers/thunderstorms. (NCEP via tropicaltidbits.com)

Finally, I do also expect to see occasional tropical/sub-tropical moisture incursions over California over the next 10 days, coincident with the extreme heat. This will not only act to keep mugginess levels elevated, but will also bring at least the possibility of occasional bouts of isolated showers/thunderstorms just about anywhere–including valleys and coastal regions. I don't anticipate any widespread precipitation at this time, but don't be too surprised to witness some "un-Californialike" subtropical-looking clouds over the next week or so. The possibility

Daniel Swain Retweeted

NWS Bay Area @NWSBayArea

Though thunderstorms have been the short term focus, we are still experiencing a prolonged heat wave. Heat Advisories remain in effect for most coastal areas through 9 PM this evening with the Excessive Heat Warning in effect until Weds evening.#CAwx #CAheat


Heat Hazards (Sur

UNTIL WEDNESDAY 9 PM

Impacts
- Record or near record heat with many high temperatures 95 to 108. Little relief due to warm overnight lows.
- Highs in the 80s will be common at many beaches.
- Increased risk of heat related illnesses: heat exhaustion and heat stroke

Preparedness Actions
- Limit outdoor strenuous activities during the hottest time of the day.
- Do not leave kids or pets in vehicles.
- Stay in air conditioned areas.
- Drink plenty of fluids.
- Extra care for pets, crops, and livestock.
- Watch for hot pavement when walking dogs.

National Weather Service San Francisco Bay Area
weather.gov/sanfrancisco

Beat the

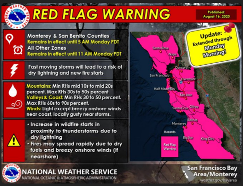
Visit https://www.weather.gov/safety/

20m

Daniel Swain Retweeted

NWS Bay Area @NWSBayArea

Additionally, the Red Flag Warning has been extended until tomorrow morning with more thunderstorms expected to develop. Lightning strikes will likely lead to new fire starts.#CAwx


RED FLAG WARNING

Published: August 16, 2020

Monterey & San Benito Counties
Remains in effect until 5 AM Monday PDT
All Other Zones
Remains in effect until 11 AM Monday PDT

Fast moving storms will lead to a risk of dry lightning and new fire starts

Mountains: Min RHs mid 10s to mid 20s percent. Max RHs 30s to 50s percent
Valleys & Coast: Min RHs 30 to 50 percent. Max RHs 60s to 90s percent.
Winds: Light except breezy onshore winds near coast, locally gusty near storms.

- Increase in wildfire starts in proximity to thunderstorms due to dry lightning
- Fires may spread rapidly due to dry fuels and breezy onshore winds (if nearshore)

Update: Extended through Monday Morning!

NATIONAL WEATHER SERVICE
NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION

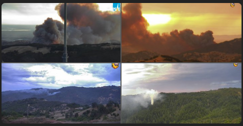
San Francisco Bay Area/Monterey
weather.gov/bayarea

15m

Daniel Swain Retweeted

Daniel Swain @Weather_West

Just took a quick tour around SF Bay Area via @AlertWildfire camera network, and an alarming number of lightning-sparked fires are visible (north, east, and south). Lightning is ongoing across region, and could continue for much of day as well as hot temperatures. #CAwx #CAfire



48m

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of isolated thunderstorms will also be important to keep an eye on from a fire weather perspective, as vegetation is already much drier than typical levels for the time of year across most of California (and that's before the heatwave).

Stay safe out there. I'll be following this event closely, with frequent micro-updates, as usual on Twitter.

Share this:

Facebook Twitter

Tags: extreme heat, prolonged heatwave, record heat, tropical moisture

1117 Comments **Weather West** Disqus' Privacy Policy Login

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LOG IN WITH

OR SIGN UP WITH DISQUS ?

Name

Show 13 New Comments

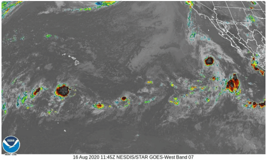
Al (Victorville) • 26 minutes ago

Bottomed out at 77, and its already 81 with some smoke being involved in my airspace from area fires with few altocumulus around. NWS Oxnard and Hanford issued FFW's for the mountains and deserts (Kern Co. on south) mainly because of training cells due to better mid-level moisture content in the form of 1.4-1.6" PW's compared to yesterday with roughly the same CAPE/DCAPE values. As for my area of the high desert, the only doubt is that onshore flow today is stronger than yesterday so I'd expect storms to initiate farther up to the north towards VCV (logistics airport) towards Lucerne Valley.

1 • Reply • Share ›

Leor Pantilat • 27 minutes ago • edited

Looks like the tropical moisture feed for the incredible storms over the Bay Area goes all the way back to near TD Eleven-E west of the southern tip of Baja. Perfect position of the high in NV/UT to set up that conveyor belt in the anticyclonic flow.



16 Aug 2020 11:45Z NESDIS/STAR GOES-West Band 07

8 • Reply • Share ›

Straw Berryessa (Winters) • 28 minutes ago

Gonna be a busy day here. Just came in after getting soaked watching lightning to the south. Crazy hot wind and low level clouds. Then the wind starting gusting to 40-50 just before it started pouring rain.

6 • Reply • Share › Show 1 new reply

el miradero • 29 minutes ago

Same-o/ same-o here. Nearly cloudless sunrise/ little muggy/ warm

Lo: 74F

1 • Reply • Share ›

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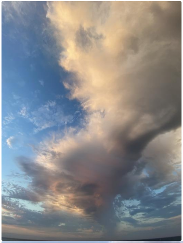
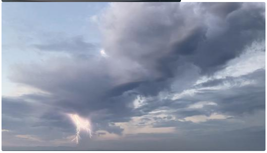
Rusty Rails • 41 minutes ago

Well that was insane. I've never experienced such a prolonged and panoramic lightning event here in Santa Cruz. Crazy winds with erratic shifts coupled with intense temper changes. Power is still out. Here's a lone cell at sunrise drifting over from Monterey.





15 ^ | ˅ • Reply • Share ›

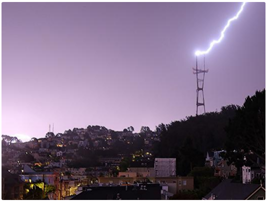
Weather West Mod ➦ Rusty Rails • 40 minutes ago

Great shots! That second one is a great example of why fire risk is so high--look at the kind of cloud capable of putting out a cloud-to-ground strike...

5 ^ | ˅ • Reply • Share ›

Bay Area Dude • 41 minutes ago • edited

With the wind howling and rain coming down, it was very hard to get a good shot up close and personal. But here it is ... Sutro Tower.



25 ^ | ˅ • Reply • Share ›

Oakland Porg ➦ Bay Area Dude • 29 minutes ago

I saw that strike from across the bay!

2 ^ | ˅ • Reply • Share ›

Thunderstorm ➦ Bay Area Dude • 38 minutes ago

Awesome timing great Pic.

^ | ˅ • Reply • Share ›

One other person is typing... Show 1 new reply

celo (Santa Barbara) ➦ Bay Area Dude • 38 minutes ago • edited

I always wondered what sutro tower was for. To collect all the lightning.

1 ^ | ˅ • Reply • Share ›

Pfirman • an hour ago

Temper at 7am was 88F. Sky is portentous. Just heard thunder. Jeebus. Woodpile

2 ^ | ˅ • Reply • Share ›

el miradero ➦ Pfirman • 33 minutes ago

Early morning heat. Was that the minimum reading?

^ | ˅ • Reply • Share ›

Show 1 new reply

Thunderstorm ➦ Pfirman • 43 minutes ago

Thats a very hot temper.This hot lightning outbreak seems to be expanding east. Hope people in the Sierras don't get fooled.

^ | ˅ • Reply • Share ›

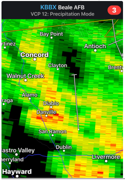
Snow Walker (Pollock Pines) ➦ Pfirman • an hour ago

Vary interesting.

^ | ˅ • Reply • Share ›

alanstorm • an hour ago

San Ramon/ Mt Diablo getting it



see more

^ | ⌄ • Reply • Share ›

Idaho Native (Tiburon) • an hour ago

My prediction: today is going to be horrific for fires in the Bay Area. That amount of lightning plus the gusty winds, amazingly dry fuels and a continued training of thunderstorms? HOw can this day not be disastrous?

1 ^ | ⌄ • Reply • Share ›

Weather West Mod → Idaho Native (Tiburon) • an hour ago • edited

Quite a few fires already reported. Two key questions: does Round 2 bring widespread rainfall (unlikely, but possible)? And do skies at least partially clear relatively early and allow smaller starts to take off in extreme heat? I suspect answer is yes, at least in some cases, but I'm keeping some fingers crossed for some opportune downpours. All of this lightning is moving north of Bay Area as well and has an even higher fire start potential in more remote, drier inland spots.

1 ^ | ⌄ • Reply • Share ›

Idaho Native (Tiburon) → Weather West • an hour ago

I'm hopeful for rainfall too in the next rounds but the dryness of vegetation is nothing short of scary right now. I remember walking around the foothills of Marin before I moved away and the tree branches were downright crunchy. I think it would take A LOT of rain to put out any starts.

^ | ⌄ • Reply • Share ›

alanstorm → Idaho Native (Tiburon) • an hour ago

If it dumps rain

2 ^ | ⌄ • Reply • Share ›

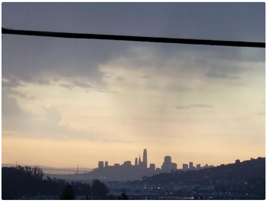
celo (Santa Barbara) • an hour ago

Wow what a night for the Bay Area. I hope they can put out all the fires. Incredible these storms were able to hold together going that far north over Cold ocean waters

1 ^ | ⌄ • Reply • Share ›

Show 1 new reply

Hot And Bothered • an hour ago



4 ^ | ⌄ 1 • Reply • Share ›

Hot And Bothered • an hour ago

5 ^ | ⌄ • Reply • Share ›

Hot And Bothered • an hour ago

Still and warm in MV. Feels like Costa Rica..
Distant rolls of thunder. Orange misty glow fills in beneath cloud deck.

5 ^ | ⌄ • Reply • Share ›

chandramouli • an hour ago

Dangerous lightning with heavy thunder and some measurable rain in Dublin,CA.

1 ^ | ⌄ • Reply • Share ›

Weather West Mod • an hour ago

Daniel Swain
@Weather_West

This has got to be the longest/broadest Severe Thunderstorm warning on record for the SF Bay Area...has been ongoing for hours! And has definitely verified, too: very strong and sudden wind gusts in excess of 65mph have been reported. Numerous wildfires. #CAwx #CAfire

NWS Bay Area @N...
Severe Thunderstorm Warning including San Jose CA, San Francisco CA, Oakland CA until 8:00 AM PDT

6:49 AM · Aug 16, 2020

33 21 people ar...

3 • Reply • Share ›

Show 1 new reply

Pfirman Weather West • an hour ago
Just bizarre, all this.
1 • Reply • Share ›

Shane Ritter • an hour ago
Wow. Exploding already...

At least we got down to 73*... /S
2 • Reply • Share ›

Livermore Weather Fanatic • an hour ago
Ah! Measurable rainfall.
1 • Reply • Share ›

Weather West Mod • an hour ago

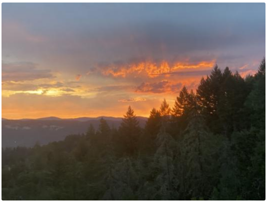
Daniel Swain
@Weather_West

Just took a quick tour around SF Bay Area via @AlertWildfire camera network, and an alarming number of lightning-sparked fires are visible (north, east, and south). Lightning is ongoing across region, and could continue for much of day as well as hot temperatures. #CAwx

see more

3 • Reply • Share ›

alanstorm • an hour ago
I'll join the amazing sunrise pics. WINDY



10 • Reply • Share ›

Thunderstorm → alanstorm • 40 minutes ago

Thats called fire in the sky. A warning from Mother Nature!

^ | ˅ • Reply • Share ›

Thunder98 • an hour ago • edited

Seeing altocumulus clouds this morning again. Maybe a another interesting morning is in store?

see more

3 ^ | ˅ • Reply • Share ›

Thunder98 → Thunder98 • an hour ago

A lot more altocumulus clouds now popping The sky looks identical to yesterday morning. Very interesting

see more

5 ^ | ˅ • Reply • Share ›

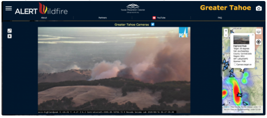
Pfirman → Thunder98 • 44 minutes ago

Fleecy #3.

^ | ˅ • Reply • Share ›

CreeKarl • an hour ago

Highland Peak AlertWildfire cam near San Ramon showing what appears to be two fires. Woke up to some smoke smell in El Cerrito this morning. More lightning approaching from the southeast right now.



2 ^ | ˅ • Reply • Share ›

CrashingOut • an hour ago

Ok last one, if you want to see how ridiculous this was, I recall this was a mere 20 minute sequence:

Bay Lightning Start

5 ^ | ˅ • Reply • Share ›

gedawei • 2 hours ago

The sky this morning in Santa Clara. No edit.

9 ^ | ˅ • Reply • Share ›

Great Winter of 17 (SanCarlos) • 2 hours ago

Lightning as the foreground to one of the best sunrises I've ever seen.

11 ⌃ | ⌄ • Reply • Share ›

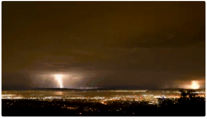
Thunderstorm ➜ Great Winter of 17 (SanCarlos) • an hour ago

A fire warning sunrise complete with lots of lightning east of fremont area.

⌃ | ⌄ • Reply • Share ›

CrashingOut • 2 hours ago

Was having a hard time posting this, it's too big!!



9 ⌃ | ⌄ • Reply • Share ›

alanstorm • 2 hours ago

Winds really ramping up in Willits.
PLEASE let there be rain with this lightning!
Very dangerous conditions right now with this heavy south wind

see more

7 ⌃ | ⌄ • Reply • Share ›

Apotropaic • 2 hours ago

Extremely grateful to have had disturbed sleep tonight. Probably the most interesting weather I've seen on the west coast.

2 ⌃ | ⌄ • Reply • Share ›

Weather West Mod • 2 hours ago

Amazingly, it now appears this historic Bay Area/broader NorCal lightning event could persist for many more hours in some places. Will be an incredible weather day in many spots.

7 ⌃ | ⌄ • Reply • Share ›

inclinejj ➜ Weather West • an hour ago

My Auntie called me from Santa Barbara she was going to drive up yesterday and she said this may get you later. I was watching it blow up. Another storm blew up big time over Joshua Tree. I was going to wake up at 3 check weather and go out for Tuna. No dice the storm woke me up at 2:45.

2 ⌃ | ⌄ • Reply • Share ›

Thunderstorm ➜ Weather West • 2 hours ago

Probably afternoon heating will make for more lightning.

⌃ | ⌄ • Reply • Share ›

V-Ville (Vacaville) • 2 hours ago

Getting a few rain drops but we are on the edge of this. Mostly getting strong hot winds. I think round two will miss us as well.

see more

2 ⌃ | ⌄ • Reply • Share ›

Pfirman ➜ V-Ville (Vacaville) • 37 minutes ago

Neighbor is picking Grenache today in Winters.

1 ⌃ | ⌄ • Reply • Share ›

V-Ville (Vacaville) ➜ Pfirman • 29 minutes ago

Miserable condition for picking. Makes it hard to cool down the juice before fermentation.

1 ⌃ | ⌄ • Reply • Share ›

Show 1 new reply

Pfirman ➜ V-Ville (Vacaville) • 13 minutes ago

He may use cold packs. And we have a cold room.

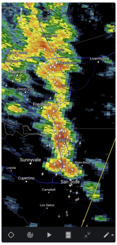
^ | ˅ • Reply • Share ›

Snow Walker (Pollock Pines) • 2 hours ago

Just had some large raindrops, it sounded like hail. Checked the radar and my jaw dropped looking at the Bay.

1 ^ | ˅ • Reply • Share ›

Snow Walker (Pollock Pines) ➜ Snow Walker (Pollock Pines) • 2 hours ago



3 ^ | ˅ • Reply • Share ›

Hot And Bothered • 2 hours ago • edited

NextDoor reports fire on Mt. Barnaby-Lagunitas, my old backyard. Crews responding.

^ | ˅ • Reply • Share ›

Scott East Bay (Lafayette CA) • 2 hours ago

Lightning is really getting going here. It's warmed back up to 79

1 ^ | ˅ • Reply • Share ›

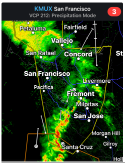
EastBayDipole • 2 hours ago

Dry lightning every 10 seconds or so, some spectacular. Don't see how this is not going to ignite a lot of fires.

^ | ˅ • Reply • Share ›

alanstorm • 2 hours ago

Powerful line ramming the Bay Area!
Just saw first lightning here in Mendocino County.



see more

3 ^ | ˅ • Reply • Share ›

CrashingOut ➜ alanstorm • 2 hours ago

That's not even registering at all, I've been seeing tons up in the East Bay, Orinda, and it's not registering on it. Tons.

^ | ˅ • Reply • Share ›

alanstorm ➜ CrashingOut • an hour ago

Those apps get about 10%

^ | ˅ • Reply • Share ›

Weather West Mod • 2 hours ago

Daniel Swain
@Weather_West

Round Two now evolving over central Bay Area. Lightning now being observed up and down coast from Mendocino to Monterey. Some very localized downpours, but still a lot of dry strikes. Numerous fire reports already. #CAwx #CAfire

GIF

5:55 AM · Aug 16, 2020 from Boulder, CO

♡ 39 33 people ar...

2 ^ | ˅ • Reply • Share ›

JMS (NE Fresno) • 2 hours ago

My backyard was at 82 last I checked 20 minutes ago. Don't expect it to go down much before heading back up. Hard to open up to cool off this morning. Going to pretty dang hot in Fresno!

1 ⌃ | ⌄ • Reply • Share ›

oddirt (Hayward) • 2 hours ago

Seriously huge rain drops, lightning and thunder overhead. And it's 81F. It reminds me of the summer weather when I lived in Boston.

1 ⌃ | ⌄ • Reply • Share ›

Oakland Porg • 2 hours ago

It's 85 degrees outside! I've never seen such a high temp in the early morning.

2 ⌃ | ⌄ • Reply • Share ›

Oakland Porg → Oakland Porg • an hour ago

And after that line of storms/wind passed through it's now 71! Crazy!

⌃ | ⌄ • Reply • Share ›

Weather West Mod • 2 hours ago

Has anyone received meaningful precipitation in the Bay Area yet? The wettest official obs I've seen is only 0.04 (!). Second round looks a bit wetter but with even greater C-G lightning density...watch out!

2 ⌃ | ⌄ • Reply • Share ›

esmatrez → Weather West • 2 hours ago

Yes, here in Santa Rosa my house has received around .1 inches of rain over an hour. Looks like some localized places in west santa rosa received .25 from strong thunderstorm cells that went directly over them.

⌃ | ⌄ • Reply • Share ›

SoCal (Rialto) → Weather West • 2 hours ago

Here in East San Jose its pouring. Just not sure how much rain we've gotten.

⌃ | ⌄ • Reply • Share ›

82/83 El Nino baby (San Jose) → SoCal (Rialto) • an hour ago

Just got a quick .02 here

⌃ | ⌄ • Reply • Share ›

Scott East Bay (Lafayette CA) → Weather West • 2 hours ago

It's dry here even after 2 hours of lightning. Only a few drops of rain

⌃ | ⌄ • Reply • Share ›

Hot And Bothered → Weather West • 2 hours ago

Two minute shower in Mill Valley. Dried as soon as it hit the ground.

⌃ | ⌄ • Reply • Share ›

Oakland Porg → Weather West • 2 hours ago

.01 here

⌃ | ⌄ • Reply • Share ›

Tessani → Weather West • 2 hours ago

I'm in Palo Alto, and so far, we've gotten about .16 according to my rain gauge. We've had a couple of good downpours since about 4:00am.

Loving this!

1 ⌃ | ⌄ • Reply • Share ›

MetaGhost (Berkeley) → Weather West • 2 hours ago

Driveway had a couple of large drops an hour ago but no, not really.

⌃ | ⌄ • Reply • Share ›

Shane Ritter • 2 hours ago

Only down to 75* at 545am, likely only 30 min of cooling. The record is 77*, so no record. But still insanely warm. 10* above forecast.

Thunderstorms should like be widespread today with this much energy early.

1 ⌃ | ⌄ • Reply • Share ›

CrashingOut • 2 hours ago

South Bay Slammer

11 ⌃ | ⌄ • Reply • Share ›

Oakland Porg → CrashingOut • 2 hours ago

That's my favorite one thus far!

⌃ | ⌄ • Reply • Share ›

CrashingOut • 2 hours ago

2.0 version

5 ⌃ | ⌄ • Reply • Share ›

MetaGhost (Berkeley) • 2 hours ago • edited

7:10a tee time in San Leandro. Probably not going to happen.

2 ⌃ | ⌄ • Reply • Share ›

Livermore Weather Fanatic • 2 hours ago • edited

BTW, it's 79F, humidity up to 45%. Sirens everywhere.

⌃ | ⌄ • Reply • Share ›

Scott East Bay (Lafayette CA) → Livermore Weather Fanatic • 2 hours ago

There's a fire burning in Livermore my parents just text me

• Reply • Share ›

Livermore Weather Fanatic • 3 hours ago • edited

Kaboom! Several bolts of lightning and companion thunder beginning at 4:53. Everybody is up now! No rain yet.

2 • Reply • Share ›

Tyler Price (Seaside, E: 128') • 3 hours ago

Wow am I impressed with the weather in the Bay Area right now!! I honestly can't even begin to describe the level of jealousy I have right now to not be home to witness this possibly once in a decade or more thunderstorm event happening back at my house right now. I am however super stoked for everyone in the Bay Area who gets to experience this rare and amazing thunderstorm event currently taking place!!!

6 • Reply • Share ›

Snow Walker (Pollock Pines) → Tyler Price (Seaside, E: 128') • 2 hours ago

I'm glad it's not happening in my neck of the woods. But you're right, what an epic storm!

• Reply • Share ›

Great Winter of 17 (SanCarlos) • 3 hours ago

Second wave is coming in from the south and it is flashing every single second. Going to be gnarly! Almost got struck by lightning on my deck earlier too.

2 • Reply • Share ›

82/83 El Nino baby (San Jose) → Great Winter of 17 (SanCarlos) • 3 hours ago

That line of storms extends hundreds of miles south.

• Reply • Share ›

Thunderstorm → 82/83 El Nino baby (San Jose) • 3 hours ago

I saw that too. On and off thunderstorms till tomorrow. Never seen a forecast like that for the bay area ever. Gona be a fun and a sad day today.

• Reply • Share ›

CrashingOut • 3 hours ago

Just finished this:

17 • Reply • Share ›

Great Winter of 17 (SanCarlos) → CrashingOut • 3 hours ago

I think some of those bolts were literally on top of me 😵

1 • Reply • Share ›

Hot And Bothered → CrashingOut • 3 hours ago

Yes

• Reply • Share ›

NorCalAirForce • 3 hours ago

20-30 strikes. ponding water. heavy gusts.

3 • Reply • Share ›

Weather West Mod → NorCalAirForce • 2 hours ago

Least there's some rain with that! Hearing of quite a few fire starts in west and central Marin, though...

• Reply • Share ›

NorCalAirForce • 3 hours ago

West Marin getting blasted......

3 • Reply • Share ›

Weather West Mod • 3 hours ago

Round 2 now building in from south across Bay Area.

3 • Reply • Share ›

Central Vallejo • 3 hours ago • edited

Raining in Vallejo, can see some lightning flashes, hear some thunder. Wow!

The rain only lasted a few minutes.

Edit: the strikes are def to my west, rain comes and goes. Torn between watching the show & watching the comments!

Edit: the cat who handled all the illegal fireworks with little fuss is now hiding under the sofa.

2 • Reply • Share ›

CrashingOut • 3 hours ago

Lost Gatos everywhere...
{Sorry for the marks!}

ONENERDARMY.COM
ONENERDARMY.COM

10 • Reply • Share ›

V-Ville (Vacaville) → CrashingOut • 3 hours ago

Wow those are great shots!

• Reply • Share ›

CrashingOut • 3 hours ago

10 ^ | ˅ • Reply • Share ›

V-Ville (Vacaville) • 3 hours ago

Distant lightening to our NW behind the hills. Very windy and still warm.

^ | ˅ • Reply • Share ›

CrashingOut • 3 hours ago

More coming - sorry for the watermark I'm about to send these to media

10 ^ | ˅ • Reply • Share ›

gedawei • 3 hours ago

Another round of somewhat distant lightning and thunder in Santa Clara just now.

1 ^ | ˅ • Reply • Share ›

Weather West Mod • 3 hours ago

Any Bay Area fire reports? I expect to hear many in the coming hours, unfortunately.

^ | ˅ • Reply • Share ›

Tetsuya's Grasshopper ➦ Weather West • 3 hours ago • edited

I thought there was a report of a small one in or around Los Gatos, but it was 25% contained and efforts were being helped by some rain.https://twitter.com/calfireSCU/stat...

> **CAL FIRE SCU**
> @calfireSCU
>
> #BrushFire Firefighters at scene of a vegetation fire in the area of 20730 Brush Road (Redwood Estates Area) reporting 2 acres moderate rate of spread, wind driven, structures threatened, starting evacuations with powerlines down.

see more

^ | ˅ • Reply • Share ›

CrashingOut ➦ Weather West • 3 hours ago

I saw a power transformer explode from 20+ miles away while watching a strike hit near Palo Alto, the hill I was on was starting to get wild when I left and it was dry as can be...

3 ^ | ˅ • Reply • Share ›

Thunderstorm ➦ CrashingOut • 3 hours ago • edited

Reminds me of a lightning storm I watched that hit Pleasanton many years ago. Blue green lightning from transformers blowing up. Awesome show!!! Maybe another show Sunday night.

^ | ˅ • Reply • Share ›

Weather West Mod • 3 hours ago

> **Daniel Swain** ✓
> @Weather_West
>
> These storms are producing widespread C-G lightning & very strong winds, but only localized/brief downpours. Unfortunately sounds like quite a few dry strikes. Attm, most concered about fire starts in Santa Cruz, Marin, Sonoma, but new storms developing

see more

1 ^ | ˅ • Reply • Share ›

Weather West Mod • 3 hours ago

Daniel Swain @Weather_West

Wild night in the San Francisco Bay Area. This is probably the most widespread and violent summer thunderstorm event in memory for Bay Area, & it's also one of the hottest nights in years. Convective gusts 60+ mph; enormous amount of (partially dry) lightning. Wow. #CAwx

see more

3 ⌃ | ⌄ • Reply • Share ›

Hot And Bothered → Weather West • 3 hours ago

Definitely seeing and hearing those strikes on Tam's southeast side not far from my home (about 45 min ago) .

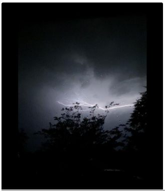
1 ⌃ | ⌄ • Reply • Share ›

Hot And Bothered • 3 hours ago

Sprizzatura...2-3 minutes of wind-driven showers in Mill Valley. Dried as fast as it hit the ground.

1 ⌃ | ⌄ • Reply • Share ›

SC_JB (San Carlos) • 4 hours ago



see more

5 ⌃ | ⌄ • Reply • Share ›

82/83 El Nino baby (San Jose) • 4 hours ago

Lightning staying to my west. Windy and temp has risen fast to 87 at 4:30. Crazy!

1 ⌃ | ⌄ • Reply • Share ›

MetaGhost (Berkeley) • 4 hours ago

I'm going to go way back and say Oct 2001 as a comparable.

1 ⌃ | ⌄ • Reply • Share ›

MetaGhost (Berkeley) • 4 hours ago

Literally washed the car at 8:00pm last night. Woke up (likely from a noise) and was convinced there was someone outside with a flashlight moving the deck furniture. Nope. Wind and lightening.

3 ⌃ | ⌄ • Reply • Share ›

Maxer5 (Sebastopol) → MetaGhost (Berkeley) • 4 hours ago

Yep I thought it was tow trucks clearing the road for a race, but that notion was tossed a few seconds later with a rip and rumble

⌃ | ⌄ • Reply • Share ›

K2 • 4 hours ago

Pretty cool storms! Sadly just hot here in Portland, but perhaps that same tropical energy will move northward and give us some rain to alleviate the terrible fire conditions.

2 ⌃ | ⌄ • Reply • Share ›

Pfirman → K2 • 22 minutes ago

Just heard there is a pretty bad fire near Medford. Evacuations.

⌃ | ⌄ • Reply • Share ›

Tetsuya's Grasshopper • 4 hours ago

Here comes the thunder. Dog is not going to sleep any more tonight, so I guess I'm not either.

1 ⌃ | ⌄ • Reply • Share ›

Apotropaic • 4 hours ago

Too dang hot to sleep, so I cracked a bottle of wine and am watching the lightning. Definitely the best storm since that September a few years back. Raining lightly in my backyard in Berkeley now.

3 ⌃ | ⌄ • Reply • Share ›

Pfirman ➜ Apotropaic • 21 minutes ago
Gewürztraminer would seem appropriate, lol.
⌃ | ⌄ • Reply • Share ›

SC_JB (San Carlos) • 4 hours ago
This rivals the storms we had a couple of Septembers back! Unreal lightning! Bummer that Disqus is not letting me post pics
1 ⌃ | ⌄ • Reply • Share ›

S13f2019 • 4 hours ago
Huge gust then sustained winds hit North bay about 20 minutes ago, saw the lightning too. No more sleep fire risk too high. Very strange weather never felt anything like that before.
2 ⌃ | ⌄ • Reply • Share ›

EastBayDipole • 4 hours ago
Finally some thunder. Weirdest thunderstorm ever, reminds me of War of the Worlds when the alien ships started arriving.
There is some rain, but afraid will not be enough to douse any fire starts.
1 ⌃ | ⌄ • Reply • Share ›

Great Winter of 17 (SanCarlos) • 4 hours ago
This is the most bat shit crazy lightning I have ever seen. Greatest storm ever. Period.
6 ⌃ | ⌄ • Reply • Share ›

Geomagnetic_Storm(San Jose) ➜ Great Winter of 17 (SanCarlos) • 4 hours ago
Rivals the September storm a few years ago.
1 ⌃ | ⌄ • Reply • Share ›

Great Winter of 17 (SanCarlos) ➜ Geomagnetic_Storm(San Jose) • 4 hours ago
Beats that by times 1000!
⌃ | ⌄ • Reply • Share ›

April Galanksy ➜ Great Winter of 17 (SanCarlos) • 4 hours ago
Agreed!
⌃ | ⌄ • Reply • Share ›

Tetsuya's Grasshopper • 4 hours ago
Lightning flashes and strong winds seem to hav edied down here for the moment in Orinda, but now I'm hearing rainfall. I'm not sure if I should put the coffee on (and in) or watch for. a while and go back to sleep. Very strange weather . . . lightning but no thunder. Is this the same thing as the "heat lightning" we used to see back in Ohio when I was growing up?
2 ⌃ | ⌄ • Reply • Share ›

April Galanksy ➜ Tetsuya's Grasshopper • 4 hours ago
Thunder came much later for us, still rumbling now (Monterey)
2 ⌃ | ⌄ • Reply • Share ›

Tetsuya's Grasshopper ➜ Tetsuya's Grasshopper • 4 hours ago
Whoops wind is back, coffee is going on!
1 ⌃ | ⌄ • Reply • Share ›

Scott East Bay (Lafayette CA) • 4 hours ago
The wind is crazy right now. A few lightning flashes just started
1 ⌃ | ⌄ • Reply • Share ›

April Galanksy ➜ Scott East Bay (Lafayette CA) • 4 hours ago
Should get more impressive for you. Wind started it
⌃ | ⌄ • Reply • Share ›

EastBayDipole • 4 hours ago
Quite the lightning show and weird erratic gusts of intense wind right now in Oakland....no rain yet...very very strange weather.
1 ⌃ | ⌄ • Reply • Share ›

Geomagnetic_Storm(San Jose) • 4 hours ago

4 ⌃ | ⌄ • Reply • Share ›

Andrew (SF) • 4 hours ago
Wow - sudden wind gust woke me up (I'd guess 40-50mph?), which was a good reminder to put away the deck chairs. Starting to hear rain falling, and waiting for the storm to roll up. There is a severe thunderstorm warning for most of the bay right now (except marin/sonoma/napa for now), it looks like
3 ⌃ | ⌄ • Reply • Share ›

April Galanksy ➜ Andrew (SF) • 4 hours ago
Super violent winds here, ripped window fan out (Mont Bay coast)
2 ⌃ | ⌄ • Reply • Share ›

April Galanksy • 4 hours ago

8 ⌃ | ⌄ • Reply • Share ›

April Galanksy ➜ April Galanksy • 4 hours ago • edited
Lighting strike over Monterey Bay

1 ˄ | ˅ • Reply • Share ›

Right Lateral • 4 hours ago

Jaden Schaul
@jadenschaul

A massive fast-moving apparent "Roll Cloud" impacted the Santa Cruz Coast shortly before 3 a.m. Sunday morning. #CAwx @RobMayeda @Weather_West @danncianca

3:24 AM · Aug 16, 2020

2.1K 828 people...

13 ˄ | ˅ • Reply • Share ›

CHeden (cottonwood) ➦ Right Lateral • 2 hours ago • edited

Yup. Its identical to the one I witnessed down by Corning in May. There probably was a supercell nearby...most likely at the southern "tip" of the roll cloud is my guess.

1 ˄ | ˅ • Reply • Share ›

Chris (Morgan Hill) ➦ Right Lateral • 4 hours ago

So that's what hit us!!!!

˄ | ˅ • Reply • Share ›

April Galanksy ➦ Right Lateral • 4 hours ago

Incredible!

˄ | ˅ • Reply • Share ›

Oakland Porg • 4 hours ago

Just got windy here. Lots of lightning in the distance. I'm officially joining the WW party!

4 ˄ | ˅ • Reply • Share ›

CrashingOut • 4 hours ago

7 ˄ | ˅ • Reply • Share ›

SC_JB (San Carlos) • 4 hours ago

74 degrees and a nice lightning show in San Carlos. Just started pouring.

3 ˄ | ˅ • Reply • Share ›

April Galanksy ➦ SC_JB (San Carlos) • 4 hours ago

Hoping for rain. Lighting has been impressive!

˄ | ˅ • Reply • Share ›

CrashingOut • 5 hours ago

349/349
124ND810 _DSC1057. JPG
16/08/2020 03:50:15
RAW+FINE
7360x4912

3 ˄ | ˅ • Reply • Share ›

Rusty Rails • 5 hours ago

Power out in Santa Cruz with constant flashes/thunder and more coming in across the bay. Wild.

4 ˄ | ˅ • Reply • Share ›

Shane Ritter • 5 hours ago • edited

Reno might set an all time low record. It was 86* at 255am, up from 81 at 155. At 330 its 82*. Wow. Cloud cover from storms early still overhead. Loyalton fire now at 30k+, burning into Nevada. This summer being the second summer of "cool" has derailed. We hit 102* yesterday.

2 ˄ | ˅ • Reply • Share ›

Chris (Morgan Hill) • 5 hours ago

Crazy weather in Morgan Hill. Suddenly strong SW winds to 32 mph. Temps rose from 74 to 78 and now dropping to 76 again. Lots of lightning to our W and SW.

2 ˄ | ˅ • Reply • Share ›

Skye H. • 5 hours ago

So weird to see the sky flickering over Southern Marin...in August...I was just commenting earlier today that it felt like I was back in Connecticut. Everything from the light to the smell and feel of the air to the bugs felt like an East Coast summer.

Watching the light show through the trees from outside my bedroom transports me to an era when the thought of a pandemic was far from my mind...

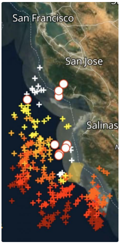
5 ˄ | ˅ • Reply • Share ›

CrashingOut • 5 hours ago

It's so fucking active it's nuts

8 ⌃ | ⌄ • Reply • Share ›

alanstorm ↱ CrashingOut • 5 hours ago



4 ⌃ | ⌄ • Reply • Share ›

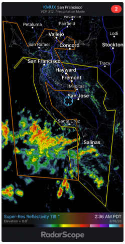
Geomagnetic_Storm(San Jose) • 5 hours ago

Severe thunderstorm warning just posted.

⌃ | ⌄ • Reply • Share ›

Right Lateral • 5 hours ago

Constant flickering + severe tstorm warning



2 ⌃ | ⌄ • Reply • Share ›

Geomagnetic_Storm(San Jose) • 5 hours ago

Severe thunderstorm warning!

3 ⌃ | ⌄ • Reply • Share ›

Geomagnetic_Storm(San Jose) • 6 hours ago

Lightning approaching the Santa Cruz mountains. 😑

1 ⌃ | ⌄ • Reply • Share ›

Livermore Weather Fanatic • 6 hours ago

80 outside still

1 ⌃ | ⌄ • Reply • Share ›

Geomagnetic_Storm(San Jose) • 6 hours ago

I can't believe this right now.

1 ⌃ | ⌄ • Reply • Share ›

Great Winter of 17 (SanCarlos) • 6 hours ago • edited

I feel like I'm in the Midwest watching an MCS march across Lake Michigan. Lightning flashes almost every second and burst of flashes that even last a couple of seconds! This is awesome! Edit: Just saw a bolt of lightning somehow wayyy in the distance

2 ⌃ | ⌄ • Reply • Share ›

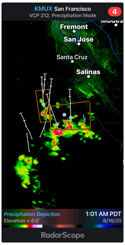
BeerguyOE • 6 hours ago

Lighting show over the hills in Salinas Valley

1 ⌃ | ⌄ • Reply • Share ›

alanstorm • 7 hours ago

Here she comes.....



2 ^ | ˅ • Reply • Share ›

CrashingOut • 7 hours ago

Going to film in the hills then flee the storm before it hits, then film from safety. Missed out on the last time this happened in the bay not this time!

4 ^ | ˅ • Reply • Share ›

Great Winter of 17 (SanCarlos) • 7 hours ago

Here the storms come! Imagery is from webcam in Santa Cruz Mountains pointed offshore.

6 ^ | ˅ • Reply • Share ›

Geomagnetic_Storm(San Jose) ➦ Great Winter of 17 (SanCarlos) • 7 hours ago

Still can't believe I am seeing that from San Jose. Constant!

1 ^ | ˅ • Reply • Share ›

Great Winter of 17 (SanCarlos) ➦ Geomagnetic_Storm(San Jose) • 7 hours ago

Every second here now too!

1 ^ | ˅ • Reply • Share ›

Geomagnetic_Storm(San Jose) ➦ Great Winter of 17 (SanCarlos) • 7 hours ago

Awesome!

1 ^ | ˅ • Reply • Share ›

Geomagnetic_Storm(San Jose) • 7 hours ago

Seeing flashes to the south constantly.

2 ^ | ˅ • Reply • Share ›

CrashingOut ➦ Geomagnetic_Storm(San Jose) • 7 hours ago

You're already seeing the flashes? Damn I'm late!

^ | ˅ • Reply • Share ›

Geomagnetic_Storm(San Jose) ➦ CrashingOut • 7 hours ago

Still happening.

^ | ˅ • Reply • Share ›

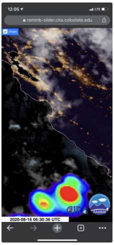
Scott East Bay (Lafayette CA) ➦ Geomagnetic_Storm(San Jose) • 7 hours ago

Radar is lit up and moving toward us

^ | ˅ • Reply • Share ›

Geomagnetic_Storm(San Jose) • 8 hours ago

Well, hello there......



^ | ˅ • Reply • Share ›

StratusQuo20 (SMX) ➦ Geomagnetic_Storm(San Jose) • 7 hours ago

Tyler Price will be in for a surprise.

3 ^ | ˅ • Reply • Share ›

StratusQuo20 (SMX) • 9 hours ago

Lightning on the Tepusquet Cam. Thunderstorm offshore.

https://keyt.com/skycam-net...

1 ^ | ˅ • Reply • Share ›

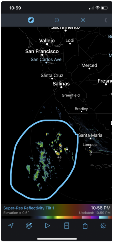
Fairweathercactus • 9 hours ago

Since most people have the memory of a fly of someone tells me that this summer wasn't to hot I am going to slap them. Also since April we have had at least one 100 degree day in Whittier

3 ^ | ˅ • Reply • Share ›

Great Winter of 17 (SanCarlos) • 9 hours ago • edited

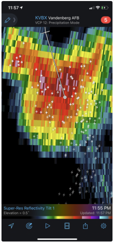
Elevated convection with frequent lightning has developed off the Central Coast and is heading north towards the Bay Area.



5 ^ | ˅ • Reply • Share ›

Great Winter of 17 (SanCarlos) ➜ Great Winter of 17 (SanCarlos) • 8 hours ago

These cells offshore are producing a ridiculous amount of CG lightning.



^ | ˅ • Reply • Share ›

Rusty Rails ➜ Great Winter of 17 (SanCarlos) • 9 hours ago

NWS Bay Area
@NWSBayArea

An area of elevated moisture and instability will enhance as it moves towards the Central Coast and Bay Area overnight. Rapidly enhancing thunderstorms have generated lightning within the last 15 minutes off the Big Sur coast.

Follow here:

see more

2 ^ | ˅ • Reply • Share ›

Chris (Morgan Hill) • 9 hours ago

Lots of lightning popping up off the coast of SLO and moving towards the Bay Area.
I don't think the storms will only affect the central and north bay as models had projected.

2 ^ | ˅ • Reply • Share ›

Geomagnetic_Storm(San Jose) ➜ Chris (Morgan Hill) • 9 hours ago • edited

Hope they get here before 2am. Obviously with a lot of Precip.

1 ^ | ˅ • Reply • Share ›

William Justo ➜ Geomagnetic_Storm(San Jose) • 8 hours ago

I know right? Looks like an all-nighter for me. Will not miss this super rare opportunity. Hopefully they won't dissolve as they get closer like it always does...

2 ^ | ˅ • Reply • Share ›

StratusQuo20 (SMX) ➜ Geomagnetic_Storm(San Jose) • 8 hours ago • edited

You'll see a lot more lightning/thunder than actual rain, at this rate. Atmosphere needs a little moistening and you'll get .03" or so.

1 ^ | ˅ • Reply • Share ›

alanstorm • 9 hours ago

Waiting for the lightning-Tstorms here......where are they?

^ | ˅ • Reply • Share ›

Geomagnetic_Storm(San Jose) ➜ alanstorm • 9 hours ago

😱😱😱

^ | ˅ • Reply • Share ›

el miradero • 9 hours ago

Good News from Southern California Edison is that rolling blackouts have been cancelled for the evening due to "wind".

^ | ˅ • Reply • Share ›

Snow Walker (Pollock Pines) ➜ el miradero • 9 hours ago

Is our electrical grid some kind of joke?

4 ^ | ˅ • Reply • Share ›

Nathan ➦ Snow Walker (Pollock Pines) • 9 hours ago

Soon our grid will be powered only by Newsome turbines, AKA a treadmill hooked up to a battery charger.

1 ^ | ˅ • Reply • Share ›

el miradero ➦ Snow Walker (Pollock Pines) • 9 hours ago

Windmills must be turning in San Gorgonio Pass

2 ^ | ˅ • Reply • Share ›

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« A warmer second half of August, and some tropical moisture in the mix? Plus: thoughts about (a dry?) autumn.

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